

**APPENDIX C:**  
**ESTIMATED LANDINGS, SIZES, AND WEIGHTS OF**  
**SELECTED SPECIES OF FINFISH FROM THE**  
**GALVESTON BAY SYSTEM AND COASTWIDE**

Table C.1. Estimated annual landings of selected fishes (No. x 1000)  $\pm$  1 SE caught by private-boat fishermen in the Galveston Bay system (1974-1991) (Data from Campbell et al. 1991, and TPWD unpublished data).

Species Year	Galveston	Coastwide <sup>a</sup>
<b>Atlantic croaker</b>		
1974-76	699.1 $\pm$ 308.9	905.4 $\pm$ 220.2
1976-77	536.0	642.8
1977-78	875.2	966.8
1978-79	481.8	604.4
1979-80	250.5 $\pm$ 89.9	383.2 $\pm$ 106.9
1980-81	372.2 $\pm$ 197.9	610.7 $\pm$ 232.0
1981-82	192.8 $\pm$ 48.1	275.6 $\pm$ 53.8
1982-83	179.5 $\pm$ 32.4	249.2 $\pm$ 35.8
1983-84	159.4 $\pm$ 36.1	278.9 $\pm$ 41.3
1984-85	213.8 $\pm$ 42.0	240.7 $\pm$ 42.2
1985-86	214.5 $\pm$ 42.0	274.4 $\pm$ 42.8
1986-87	330.7 $\pm$ 104.3	378.5 $\pm$ 104.6
1987-88	247.6 $\pm$ 46.2	416.9 $\pm$ 52.5
1988-89	157.7 $\pm$ 49.9	323.9 $\pm$ 59.8
1989-90	102.2 $\pm$ 20.2	199.0 $\pm$ 29.8
1990-91	99.9 $\pm$ 37.1	177.2 $\pm$ 40.3
<b>Black drum</b>		
1974-76	35.2 $\pm$ 11.4	128.3 $\pm$ 14.7
1976-77	67.0	159.0
1977-78	111.9	178.1
1978-79	94.8	149.6
1979-80	37.2 $\pm$ 10.1	77.4 $\pm$ 14.6
1980-81	87.1 $\pm$ 31.7	157.7 $\pm$ 35.6
1981-82	59.9 $\pm$ 20.7	132.6 $\pm$ 22.9
1982-83	105.8 $\pm$ 37.5	171.2 $\pm$ 38.3
1983-84	26.7 $\pm$ 5.8	80.7 $\pm$ 8.9
1984-85	24.3 $\pm$ 4.9	55.5 $\pm$ 8.4
1985-86	27.1 $\pm$ 7.0	60.0 $\pm$ 10.8
1986-87	26.2 $\pm$ 7.9	57.9 $\pm$ 9.4
1987-88	37.8 $\pm$ 11.4	83.6 $\pm$ 14.2
1988-89	19.8 $\pm$ 3.7	59.8 $\pm$ 7.6
1989-90	25.9 $\pm$ 6.4	65.0 $\pm$ 8.3
1990-91	18.3 $\pm$ 4.4	65.8 $\pm$ 11.7

Table C.1. (Cont'd.)

Species Year	Galveston	Coastwide <sup>a</sup>
Gafftopsail catfish		
1974-76	42.8 ± 30.1	80.6 ± 21.7
1976-77	17.6	77.6
1977-78	7.2	49.4
1978-79	31.0	76.0
1979-80	3.1 ± 2.0	10.2 ± 3.4
1980-81	14.5 ± 8.6	19.1 ± 8.7
1981-82	4.2 ± 2.1	32.2 ± 14.7
1982-83	5.2 ± 2.4	21.0 ± 3.7
1983-84	3.3 ± 1.6	19.1 ± 4.1
1984-85	2.3 ± 0.9	11.6 ± 1.9
1985-86	8.4 ± 4.2	17.0 ± 4.4
1986-87	7.0 ± 3.5	18.3 ± 4.1
1987-88	8.7 ± 5.2	19.0 ± 5.7
1988-89	5.3 ± 2.5	15.2 ± 3.0
1989-90	2.5 ± 1.3	12.2 ± 2.4
1990-91	2.0 ± 0.9	9.7 ± 1.6
Red drum		
1974-76	120.0 ± 68.3	307.5 ± 148.0
1976-77	22.8	131.1
1977-78	69.2	148.7
1978-79	29.0	99.2
1979-80	41.1 ± 19.6	142.0 ± 26.2
1980-81	69.9 ± 25.1	172.7 ± 27.5
1981-82	34.2 ± 9.7	120.4 ± 13.7
1982-83	27.1 ± 6.0	126.2 ± 10.8
1983-84	25.3 ± 5.4	197.6 ± 14.4
1984-85	20.8 ± 5.2	95.6 ± 9.6
1985-86	19.3 ± 8.6	154.8 ± 11.5
1986-87	47.9 ± 14.9	266.8 ± 22.7
1987-88	31.0 ± 5.6	218.2 ± 15.7
1988-89	26.4 ± 6.5	164.0 ± 10.7
1989-90	30.1 ± 6.5	159.2 ± 11.4
1990-91	16.0 ± 3.7	97.7 ± 7.3

Table C.1. (Cont'd.)

Species Year	Galveston	Coastwide <sup>a</sup>
Sand seatrout		
1974-76	722.5 ± 428.9	977.1 ± 296.5
1976-77	589.5	837.3
1977-78	337.4	496.4
1978-79	677.4	759.3
1979-80	307.1 ± 170.4	440.6 ± 179.4
1980-81	339.1 ± 99.2	838.8 ± 390.1
1981-82	153.1 ± 40.2	305.4 ± 47.7
1982-83	279.2 ± 53.9	471.2 ± 60.2
1983-84	164.4 ± 67.7	349.4 ± 73.8
1984-85	303.3 ± 81.5	402.6 ± 83.4
1985-86	138.4 ± 36.7	280.0 ± 45.0
1986-87	290.0 ± 104.3	368.6 ± 69.4
1987-88	268.0 ± 72.9	389.1 ± 80.9
1988-89	221.6 ± 65.9	299.1 ± 67.8
1989-90	191.4 ± 61.2	210.4 ± 61.3
1990-91	207.5 ± 62.6	313.6 ± 67.6
Sheepshead		
1974-76	27.8 ± 10.7	115.6 ± 25.1
1976-77	23.5	82.5
1977-78	184.5	251.5
1978-79	39.9	104.5
1979-80	87.1 ± 51.6	175.5 ± 56.7
1980-81	39.5 ± 12.4	163.0 ± 31.9
1981-82	38.1 ± 10.1	139.4 ± 21.5
1982-83	43.9 ± 8.7	175.2 ± 35.3
1983-84	29.3 ± 6.3	86.1 ± 14.1
1984-85	27.4 ± 7.6	100.0 ± 27.3
1985-86	13.5 ± 3.0	48.2 ± 7.1
1986-87	15.7 ± 3.7	89.1 ± 25.6
1987-88	19.9 ± 6.2	100.0 ± 23.4
1988-89	16.1 ± 4.3	60.2 ± 11.2
1989-90	11.7 ± 3.0	32.1 ± 5.8
1990-91	19.0 ± 4.8	67.6 ± 13.0

Table C.1. (Cont'd.)

Species Year	Galveston	Coastwide <sup>a</sup>
<b>Southern flounder</b>		
1974-76	85.0 ± 30.2	220.2 ± 27.6
1976-77	31.6	85.0
1977-78	42.0	102.2
1978-79	38.4	105.8
1979-80	440.7 ± 284.0	500.7 ± 284.2
1980-81	54.6 ± 15.0	180.2 ± 41.2
1981-82	35.0 ± 8.1	145.4 ± 15.9
1982-83	98.6 ± 24.3	180.9 ± 25.9
1983-84	70.4 ± 18.1	155.9 ± 22.6
1984-85	75.1 ± 18.2	138.2 ± 19.5
1985-86	68.1 ± 14.6	194.4 ± 23.7
1986-87	75.2 ± 12.0	178.1 ± 14.5
1987-88	120.3 ± 30.1	207.0 ± 31.2
1988-89	81.7 ± 13.5	155.1 ± 15.8
1989-90	52.7 ± 9.3	103.8 ± 11.9
1990-91	70.8 ± 16.8	116.5 ± 17.6
<b>Spotted seatrout</b>		
1974-76	638.6 ± 216.6	2601.5 ± 288.8
1976-77	166.9	1601.8
1977-78	326.2	1201.2
1978-79	369.6	1003.7
1979-80	120.0 ± 34.2	771.4 ± 99.0
1980-81	829.2 ± 354.9	1591.2 ± 361.4
1981-82	344.7 ± 76.8	1260.3 ± 102.7
1982-83	243.2 ± 60.1	1072.3 ± 74.0
1983-84	261.8 ± 50.5	1132.9 ± 84.4
1984-85	95.9 ± 16.0	316.6 ± 35.6
1985-86	116.9 ± 22.8	545.2 ± 40.3
1986-87	245.6 ± 43.2	883.9 ± 63.9
1987-88	202.4 ± 34.0	895.4 ± 57.0
1988-89	190.4 ± 41.1	816.1 ± 61.8
1989-90	200.8 ± 35.2	546.7 ± 43.9
1990-91	59.2 ± 15.5	231.9 ± 25.9

Table C.1. (Cont'd.)

Species Year	Galveston	Coastwide <sup>a</sup>
<b>Other species</b>		
1974-76	99.5 ± 51.5	170.4 ± 36.3
1976-77	32.8	86.5
1977-78	71.4	109.8
1978-79	75.1	106.9
1979-80	70.9 ± 25.9	200.8 ± 70.5
1980-81	98.2 ± 21.3	200.1 ± 45.1
1981-82	86.0 ± 27.3	133.7 ± 27.8
1982-83	89.5 ± 15.8	178.4 ± 21.0
1983-84	68.2	176.5
1984-85	46.2	102.7
1985-86	73.7	141.8
1986-87	90.5	197.8
1987-88	118.9	239.8
1988-89	119.6	248.6
1989-90	106.5	207.3
1990-91	113.5 ± 44.1	180.1 ± 47.1
<b>All species combined<sup>a</sup></b>		
1974-76	2470.6 ± 763.4	5506.6 ± 590.7
1976-77	1487.6	3698.9
1977-78	2025.0	3504.0
1978-79	1837.1	3009.9
1979-80	1357.8 ± 507.6	2701.8 ± 537.0
1980-81	1904.4 ± 499.7	3933.5 ± 776.3
1981-82	947.9 ± 155.9	2504.8 ± 182.7
1982-83	1071.9 ± 129.3	2645.7 ± 153.2
1983-84	808.7 ± 114.0	2477.3 ± 154.6
1984-85	809.2 ± 119.9	1462.3 ± 133.1
1985-86	685.2 ± 88.5	1727.4 ± 107.4
1986-87	1128.9 ± 185.9	2439.2 ± 205.3
1987-88	1054.7 ± 152.2	2569.1 ± 176.3
1988-89	838.6 ± 149.0	2141.8 ± 169.9
1989-90	723.8 ± 112.0	1535.8 ± 122.6
1990-91	620.9 ± 122.8	1300.6 ± 136.5

<sup>a</sup>Due to rounding of numbers, these totals may not exactly equal individual totals.

Table C.2. Annual mean total lengths of selected fishes (mm/fish)  $\pm$  1 SE caught by private-boat fishermen in the Galveston Bay system and coastwide in Texas bays and passes (1983-1991). Blank = no fish measured. No standard error = fish measured on only one survey day (Data from Campbell et al. 1991 and TPWD unpublished data).

Species Year	Galveston	Coastwide
Atlantic croaker		
1983-84	254 $\pm$ 9	266 $\pm$ 7
1984-85	235 $\pm$ 5	235 $\pm$ 5
1985-86	230 $\pm$ 6	234 $\pm$ 6
1986-87	249 $\pm$ 6	250 $\pm$ 7
1987-88	247 $\pm$ 5	246 $\pm$ 4
1988-89	247 $\pm$ 6	249 $\pm$ 5
1989-90	240 $\pm$ 3	251 $\pm$ 8
1990-91	242 $\pm$ 10	240 $\pm$ 1
Black drum		
1983-84	454 $\pm$ 53	400 $\pm$ 29
1984-85	459 $\pm$ 27	422 $\pm$ 35
1985-86	544 $\pm$ 108	473 $\pm$ 78
1986-87	443 $\pm$ 38	412 $\pm$ 35
1987-88	484 $\pm$ 99	436 $\pm$ 27
1988-89	371 $\pm$ 15	391 $\pm$ 13
1989-90	378 $\pm$ 12	407 $\pm$ 14
1990-91	409 $\pm$ 37	441 $\pm$ 5
Gafftopsail catfish		
1983-84	416 $\pm$ 23	480 $\pm$ 15
1984-85	455 $\pm$ 18	470 $\pm$ 23
1985-86	456 $\pm$ 22	477 $\pm$ 23
1986-87	419 $\pm$ 23	452 $\pm$ 18
1987-88	499 $\pm$ 30	498 $\pm$ 10
1988-89	471 $\pm$ 16	483 $\pm$ 8
1989-90	467 $\pm$ 9	512 $\pm$ 20
1990-91	458 $\pm$ 38	489 $\pm$ 13

Table C.2. (Cont'd.)

Species Year	Galveston	Coastwide
Red drum		
1983-84	536 ± 22	509 ± 9
1984-85	555 ± 13	546 ± 10
1985-86	567 ± 19	548 ± 7
1986-87	561 ± 12	550 ± 7
1987-88	583 ± 16	567 ± 4
1988-89	570 ± 12	578 ± 3
1989-90	564 ± 6	582 ± 6
1990-91	597 ± 12	598 ± 2
Sand seatrout		
1983-84	281 ± 4	290 ± 6
1984-85	272 ± 8	275 ± 7
1985-86	276 ± 4	278 ± 5
1986-87	283 ± 4	282 ± 5
1987-88	286 ± 2	283 ± 4
1988-89	299 ± 5	295 ± 4
1989-90	269 ± 4	270 ± 2
1990-91	290 ± 8	287 ± 3
Sheepshead		
1983-84	346 ± 4	354 ± 7
1984-85	354 ± 4	368 ± 5
1985-86	380 ± 7	385 ± 12
1986-87	373 ± 7	371 ± 10
1987-88	391 ± 4	382 ± 7
1988-89	401 ± 8	402 ± 3
1989-90	404 ± 10	394 ± 4
1990-91	399 ± 9	399 ± 4
Southern flounder		
1983-84	350 ± 5	356 ± 6
1984-85	356 ± 5	352 ± 6
1985-86	352 ± 7	354 ± 6
1986-87	352 ± 4	369 ± 5
1987-88	364 ± 12	358 ± 9
1988-89	372 ± 4	367 ± 5
1989-90	365 ± 5	373 ± 5
1990-91	377 ± 7	375 ± 4

Table C.2. (Cont'd.)

Species Year	Galveston	Coastwide
Spotted seatrout		
1983-84	435 ± 8	402 ± 5
1984-85	449 ± 6	424 ± 6
1985-86	437 ± 8	417 ± 4
1986-87	430 ± 6	421 ± 4
1987-88	438 ± 4	424 ± 4
1988-89	433 ± 3	423 ± 4
1989-90	420 ± 5	423 ± 2
1990-91	426 ± 5	429 ± 2

Table C.3. Annual mean weights of selected fishes (kg/fish)  $\pm$  1 SE caught by private-boat fishermen in the Galveston Bay system and coastwide in Texas bays and passes year (1974-1991). Blank = no fish weighed. No standard error = fish weighed on only one survey day (Data from Campbell et al. 1991 and TPWD unpublished data).

Species Year	Galveston	Coastwide
Atlantic croaker		
1974-76	0.18 $\pm$ 0.07	0.23 $\pm$ 0.08
1976-77	0.23 $\pm$ 0.08	0.24 $\pm$ 0.04
1977-78	0.22 $\pm$ 0.09	0.22 $\pm$ 0.06
1978-79	0.18 $\pm$ 0.14	0.22 $\pm$ 0.14
1979-80	0.20 $\pm$ 0.12	0.21 $\pm$ 0.06
1980-81	0.21 $\pm$ 0.09	0.23 $\pm$ 0.06
1981-82	0.18 $\pm$ 0.04	0.27 $\pm$ 0.09
1982-83	0.21 $\pm$ 0.04	0.26 $\pm$ 0.04
1983-84	0.22 $\pm$ 0.03	0.26 $\pm$ 0.02
1984-85	0.18 $\pm$ 0.02	0.18 $\pm$ 0.02
1985-86	0.16 $\pm$ 0.01	0.17 $\pm$ 0.01
1986-87	0.21 $\pm$ 0.02	0.21 $\pm$ 0.01
1987-88	0.21 $\pm$ 0.01	0.20 $\pm$ 0.01
1988-89	0.20 $\pm$ 0.02	0.21 $\pm$ 0.01
1989-90	0.19 $\pm$ 0.01	0.22 $\pm$ 0.02
1990-91	0.20 $\pm$ 0.03	0.19 $\pm$ 0.01
Black drum		
1974-76	2.19 $\pm$ 3.20	2.02 $\pm$ 1.00
1976-77	0.83 $\pm$ 0.55	1.04 $\pm$ 0.16
1977-78	1.25 $\pm$ 1.06	2.03 $\pm$ 1.22
1978-79	4.22 $\pm$ 10.20	4.18 $\pm$ 4.56
1979-80	0.42 $\pm$ 0.10	1.71 $\pm$ 1.72
1980-81	2.63 $\pm$ 5.16	1.17 $\pm$ 1.51
1981-82	0.53 $\pm$ 0.22	0.67 $\pm$ 0.18
1982-83	1.63 $\pm$ 1.67	1.47 $\pm$ 0.72
1983-84	2.18 $\pm$ 0.95	1.38 $\pm$ 0.44
1984-85	1.82 $\pm$ 0.32	1.59 $\pm$ 0.44
1985-86	3.81 $\pm$ 1.54	2.71 $\pm$ 1.23
1986-87	1.79 $\pm$ 0.57	1.53 $\pm$ 0.50
1987-88	2.69 $\pm$ 1.41	1.85 $\pm$ 0.45
1988-89	0.92 $\pm$ 0.14	1.05 $\pm$ 0.12
1989-90	0.86 $\pm$ 0.08	1.09 $\pm$ 0.12
1990-91	0.96 $\pm$ 8.66	1.33 $\pm$ 2.23

Table C.3. (Cont'd.)

Species Year	Galveston	Coastwide
<b>Gafftopsail catfish</b>		
1974-76	1.37 ± 0.30	1.30 ± 0.15
1976-77	1.90 ± 0.64	1.49 ± 0.28
1977-78	1.10 ± 0.19	1.28 ± 0.14
1978-79	1.26 ± 0.38	1.25 ± 0.21
1979-80	0.72 ± 0.23	1.45 ± 0.25
1980-81	1.52 ± 0.60	1.35 ± 0.36
1981-82	0.92 ± 0.30	1.29 ± 0.15
1982-83	1.41 ± 0.40	1.17 ± 0.18
1983-84	0.72 ± 0.10	1.13 ± 0.10
1984-85	0.98 ± 0.12	1.10 ± 0.14
1985-86	1.03 ± 0.16	1.15 ± 0.16
1986-87	0.89 ± 0.16	1.01 ± 0.12
1987-88	1.29 ± 0.21	1.28 ± 0.07
1988-89	1.05 ± 0.13	1.18 ± 0.07
1989-90	1.05 ± 0.07	1.40 ± 0.16
1990-91	1.01 ± 0.25	1.23 ± 0.09
<b>Red drum</b>		
1974-76	0.79 ± 0.13	1.02 ± 0.11
1976-77	1.31 ± 0.19	1.04 ± 0.16
1977-78	1.07 ± 0.32	0.94 ± 0.15
1978-79	1.72 ± 0.71	0.88 ± 0.27
1979-80	0.59 ± 0.15	0.74 ± 0.22
1980-81	1.18 ± 0.31	1.09 ± 0.09
1981-82	1.62 ± 0.40	1.25 ± 0.17
1982-83	1.34 ± 0.42	1.51 ± 0.12
1983-84	1.90 ± 0.24	1.60 ± 0.13
1984-85	2.02 ± 0.14	1.89 ± 0.10
1985-86	2.16 ± 0.21	1.87 ± 0.08
1986-87	2.08 ± 0.14	1.90 ± 0.08
1987-88	2.33 ± 0.20	2.07 ± 0.06
1988-89	2.11 ± 0.14	2.39 ± 0.22
1989-90	1.97 ± 0.06	2.25 ± 0.11
1990-91	2.36 ± 0.13	2.36 ± 0.03

Table C.3. (Cont'd.)

Species Year	Galveston	Coastwide
Sand seatrout		
1974-76	0.30 ± 0.21	0.31 ± 0.09
1976-77	0.36 ± 0.12	0.32 ± 0.11
1977-78	0.36 ± 0.11	0.35 ± 0.08
1978-79	0.30 ± 0.16	0.29 ± 0.08
1979-80	0.20 ± 0.07	0.23 ± 0.05
1980-81	0.24 ± 0.09	0.26 ± 0.04
1981-82	0.27 ± 0.08	0.28 ± 0.03
1982-83	0.25 ± 0.05	0.26 ± 0.03
1983-84	0.25 ± 0.10	0.28 ± 0.02
1984-85	0.23 ± 0.02	0.23 ± 0.02
1985-86	0.25 ± 0.02	0.24 ± 0.02
1986-87	0.25 ± 0.01	0.25 ± 0.01
1987-88	0.26 ± 0.01	0.25 ± 0.01
1988-89	0.30 ± 0.01	0.29 ± 0.01
1989-90	0.21 ± 0.01	0.22 ± 0.00
1990-91	0.27 ± 0.02	0.26 ± 0.01
Sheepshead		
1974-76	0.68 ± 0.13	0.72 ± 0.14
1976-77	0.91 ± 0.25	0.89 ± 0.16
1977-78	0.88 ± 0.20	0.76 ± 0.12
1978-79	0.79 ± 0.14	0.78 ± 0.10
1979-80	0.91 ± 0.11	0.78 ± 0.17
1980-81	0.73 ± 0.40	0.71 ± 0.14
1981-82	0.87 ± 0.11	0.71 ± 0.11
1982-83	0.89 ± 0.17	0.85 ± 0.14
1983-84	0.77 ± 0.03	0.83 ± 0.05
1984-85	0.82 ± 0.03	0.92 ± 0.03
1985-86	1.01 ± 0.05	1.07 ± 0.09
1986-87	0.95 ± 0.05	0.95 ± 0.06
1987-88	1.09 ± 0.03	1.03 ± 0.04
1988-89	1.18 ± 0.06	1.17 ± 0.02
1989-90	1.21 ± 0.01	1.13 ± 0.04
1990-91	1.18 ± 0.07	1.16 ± 0.03

Table C.3. (Cont'd.)

Species Year	Galveston	Coastwide
<b>Southern flounder</b>		
1974-76	0.62 ± 0.08	0.65 ± 0.05
1976-77	0.66 ± 0.15	0.64 ± 0.09
1977-78	0.64 ± 0.13	0.66 ± 0.09
1978-79	0.66 ± 0.24	0.60 ± 0.12
1979-80	0.54 ± 0.08	0.61 ± 0.06
1980-81	0.62 ± 0.12	0.65 ± 0.05
1981-82	0.59 ± 0.11	0.61 ± 0.06
1982-83	0.60 ± 0.11	0.61 ± 0.04
1983-84	0.53 ± 0.03	0.57 ± 0.03
1984-85	0.57 ± 0.02	0.56 ± 0.03
1985-86	0.56 ± 0.03	0.56 ± 0.03
1986-87	0.56 ± 0.02	0.64 ± 0.03
1987-88	0.62 ± 0.07	0.59 ± 0.04
1988-89	0.64 ± 0.02	0.62 ± 0.02
1989-90	0.59 ± 0.02	0.64 ± 0.03
1990-91	0.67 ± 0.04	0.66 ± 0.02
<b>Spotted seatrout</b>		
1974-76	0.66 ± 0.28	0.44 ± 0.10
1976-77	0.60 ± 0.22	0.49 ± 0.17
1977-78	0.36 ± 0.11	0.48 ± 0.12
1978-79	0.71 ± 0.31	0.49 ± 0.14
1979-80	0.45 ± 0.13	0.47 ± 0.07
1980-81	0.66 ± 0.29	0.50 ± 0.10
1981-82	0.62 ± 0.20	0.51 ± 0.05
1982-83	0.76 ± 0.28	0.56 ± 0.06
1983-84	0.84 ± 0.05	0.68 ± 0.03
1984-85	0.92 ± 0.04	0.74 ± 0.10
1985-86	0.85 ± 0.05	0.72 ± 0.02
1986-87	0.80 ± 0.03	0.75 ± 0.02
1987-88	0.84 ± 0.03	0.77 ± 0.03
1988-89	0.82 ± 0.02	0.76 ± 0.02
1989-90	0.74 ± 0.03	0.76 ± 0.02
1990-91	0.76 ± 0.03	0.78 ± 0.01

Table C.3. (Cont'd.)

Species Year	Galveston	Coastwide
<b>All species combined<sup>a</sup></b>		
1974-76	0.41 ± 0.52	0.51 ± 0.18
1976-77	0.46 ± 0.56	0.57 ± 0.38
1977-78	0.43 ± 0.72	0.54 ± 0.40
1978-79	0.76 ± 4.54	0.68 ± 1.35
1979-80	0.28 ± 0.17	0.52 ± 0.28
1980-81	0.61 ± 1.46	0.55 ± 0.27
1981-82	0.51 ± 0.25	0.54 ± 0.09
1982-83	0.58 ± 0.45	0.61 ± 0.14
1983-84	0.72 ± 0.06	0.70 ± 0.05
1984-85	0.50 ± 0.05	0.84 ± 0.13
1985-86	0.66 ± 0.14	0.74 ± 0.09
1986-87	0.55 ± 0.05	0.75 ± 0.11
1987-88	0.70 ± 0.09	0.77 ± 0.06
1988-89	0.61 ± 0.05	0.78 ± 0.10
1989-90	0.55 ± 0.04	0.80 ± 0.15
1990-91	1.30 ± 0.69	1.12 ± 0.14

<sup>a</sup>Includes "other" species.

Table C.4. Percent composition of "other" species caught by private-boat fishermen in Texas bays and passes by bay system (1989-1991). Values represent percentages of the observed coastwide total of "other" species. Data from Campbell et al. 1991.

Common name	Scientific name	Galveston Bay	Coastwide
Alligator gar	<i>Lepisosteus spatula</i>		0.29
Almaco Jack	<i>Seriola rivoliana</i>		0.07
Atlantic cutlassfish	<i>Trichiurus lepturus</i>		0.22
Atlantic sharpnose shark	<i>Rhizoprionodon terraenovae</i>		3.89
Atlantic spadefish	<i>Cheatodipterus faber</i>	0.11	0.29
Atlantic stingray	<i>Dasyatis sabina</i>	0.11	0.70
Bighead searobin	<i>Prionotus tribulus</i>		0.04
Black Bullhead	<i>Ameiurus melas</i>		0.11
Black crappie	<i>Pomoxis nigromaculatus</i>		0.07
Blacktip shark	<i>Carcharhinus limbatus</i>	0.04	1.87
Blue catfish	<i>Ictalurus furcatus</i>	17.17	21.97
Blue runner	<i>Caranx cryos</i>		0.04
Bluefish	<i>Pomatomus saltatrix</i>	0.04	0.18
Bluegill	<i>Lepomis macrochirus</i>		1.06
Bluntnose jack	<i>Hemicaranx amblyrhynchus</i>		0.22
Bonnethead	<i>Sphyrna tiburo</i>		2.86
Bony fish class	Class Osteichthyes		0.04
Bull shark	<i>Carcharhinus leucas</i>		0.40
Channel catfish	<i>Ictalurus punctatus</i>	2.82	3.82
Cobia	<i>Rachycentron canadum</i>	0.04	0.11
Crevalle jack	<i>Caranx hippos</i>	0.15	0.77
Drum sp.	Family Sciaenidae		0.11
Finetooth shark	<i>Carcharhinus isodon</i>		0.04
Flathead catfish	<i>Pylodictis olivaris</i>	0.07	0.07
Florida pompano	<i>Trachinotus carolinus</i>		0.26
Freshwater drum	<i>Aplodinotus grunniens</i>	0.15	0.29
Gag	<i>Myeteroperca microlepis</i>		0.07
Gray snapper	<i>Lutjanus griseus</i>		0.07
Gray triggerfish	<i>Balistes capriscus</i>		0.48
Great hammerhead	<i>Sphyrna mokarran</i>		0.15
Gulf flounder	<i>Paralichthys albigutta</i>		2.02
Gulf kingfish	<i>Menticirrhus littoralis</i>	0.11	1.39
Gulf menhaden	<i>Brevortia patronus</i>		1.98
Gulf toadfish	<i>Opsanus beta</i>		0.04
Hardhead catfish	<i>Arius felis</i>	1.80	12.03
Honeycomb moray	<i>Gymnothorax saxicola</i>		0.04
Inshore lizardfish	<i>Synodus foetens</i>	0.04	0.04

Table C.4. (Cont'd.)

Common name	Scientific name	Galveston Bay	Coastwide
King mackerel	<i>Scomberomorus cavalla</i>	0.04	0.95
Ladyfish	<i>Elops saurus</i>	0.04	1.61
Lane snapper	<i>Lutjanus synagris</i>		0.18
Largemouth bass	<i>Micropterus salmoides</i>		1.03
Lefteye flounders sp.	Family <i>Butidae</i>		0.04
Lookdown	<i>Selene vomer</i>		0.07
Pigfish	<i>Orthopristis chrysoptera</i>	1.65	4.66
Pinfish	<i>Lagodon rhomboides</i>	0.62	2.79
Red snapper	<i>Lutjanus campechanus</i>		0.95
Redear sunfish	<i>Lepomis microlophus</i>		1.72
Requiem sharks sp.	Family <i>Carcharhinidae</i>		0.29
Scalloped hammerhead	<i>Sphyraena lewini</i>		0.18
Scamp	<i>Mycteroperca phenax</i>		0.04
Shrimp eel	<i>Ophichthus gomesi</i>	0.04	0.04
Silver perch	<i>Bairdella chrysoura</i>	0.29	1.21
Silver seatrout	<i>Cynoscion nothus</i>	0.15	0.92
Smooth puffer	<i>Lagocephalus laevigatus</i>		0.04
Southern kingfish	<i>Menticirrhus americanus</i>	5.06	12.84
Southern stingray	<i>Dasyatis americana</i>		0.04
Spanish mackerel	<i>Scomberomorus maculatus</i>	2.24	4.92
Spinner shark	<i>Carcharhinus brevipinna</i>		0.26
Spotted gar	<i>Lepisosteus oculatus</i>		0.07
Stingray sp.	Family <i>Dasyatidae</i>		0.04
Striped bass	<i>Morone saxatilis</i>	0.15	0.15
Striped mullet	<i>Mugil cephalus</i>		5.14
Stripped Burrfish	<i>Chilomycterus schoepfi</i>		0.04
Tripletail	<i>Lobotes surenamensis</i>		0.15
Warmouth	<i>Lepomis gulosus</i>		0.18
White bass	<i>Morone chrysops</i>	0.15	0.15
White crappie	<i>Pomoxis annularis</i>		1.03
Yellow Bullhead	<i>Ameiurus natalis</i>		0.15